## WHAT IS CLAIMED IS:

1.	A device for identifying types of data
transmitted on	multiple channels of a digital broadcast
signal, display	ing the identified types of data transmitted
on each channel	, and enabling a user to access the data
transmitted on a	a particular channel, the device comprising:

a scanning receiver adapted to tune to the digital broadcast signal on selected channels, the digital broadcast signal including at least one digital television programming packet and at least one data packet;

- a demodulator coupled to the receiver and adapted to demodulate the digital broadcast signal;
- a detector coupled to the demodulator and adapted to detect the at least one data packet; .
- a memory coupled to the detector, the memory being adapted to store data guide software code for identifying the type of data contained in the at least one data packet and the channel on which the identified type of data is available, the data guide software further being adapted to enable the data on any channel selected by an operator to be accessed;

a processor coupled to the memory and adapted to execute the data guide software code; and,

an operator interface module coupled to the processor, the operator interface module being adapted to display the identified types of data and the channels on which the identified types of data are available, the operator interface module further being adapted to enable any displayed channel to be selected.

- 2. The device of claim 1 wherein the processor comprises a central processing unit of a personal computer, and the operator interface module comprises a video monitor and an input device.
- 3. The device of claim 1 wherein processor comprises a processing unit of a personal digital assistant.
  - 4. The device of claim 1 wherein the processor comprises a processing unit of a telephone.
- 5. The device of claim 4 wherein the telephone comprises a cellular telephone.

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- 6. The device of claim 1 wherein the processor
  comprises a processing unit of a television, and the
  operator interface module comprises a display screen of the
  television.
  - 7. The device of claim 1 wherein the at least one data packet includes at least one link to a website, the operator interface module enables the at least one website to be selected, and wherein the processor enables the at least one website to be accessed.
  - 8. The device of claim 1 wherein the data guide software code generates a data guide in menu format for display on the operator interface module.
  - 9. The device of claim 8 wherein the operator interface module enables the operator to scroll through the menu before selecting a particular channel.

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10. A method of providing a data guide	
summarizing types of data transmitted in a digital broadca	st
signal and the channels corresponding to the types of data	ì
comprising the steps of:	

receiving the digital broadcast signal containing digital programming packets and data packets;

demodulating the digital broadcast signal;

detecting the data packets;

storing the data guide based on information contained in the data packets; and, displaying the data guide.

- 11. The method of claim 10 wherein the digital broadcast signal is transmitted in multiple channels, and wherein the receiving step is performed by scanning through the multiple channels.
- 12. The method of claim 10 further including the step of selecting one of the identified channels and gaining access to data transmitted on the selected channel.
- 13. The method of 10 performed by a central processing unit of a personal computer, wherein the

- displaying step is performed using a video monitor connected to the personal computer.
- 1 14. The method of claim 10 performed by a 2 processor of a television, wherein the displaying step is 3 performed using a video screen of the television.
  - 15. The method of claim 10 performed by a processor of a personal digital assistant.
  - 16. The method of claim 10 performed by a processor of a telephone.
  - 17. The method of claim 16 wherein the telephone comprises a cellular telephone.

18.	Α	data	casting	system	compris	ing:
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a receiver adapted to receive a digital broadcast signal containing at least one digital television programming packet and at least one data packet;

a detector coupled to the receiver and adapted to detect the at least one data packet, the detector further adapted to detect types of data transmitted within the at least one data packet and channels on which the detected types of data are available; and,

an operator interface module coupled to the detector and adapted to display the detected types of data and the channels on which the detected types of data are available.

19. The data casting system of claim 18 further including a processor coupled to the detector, the processor being adapted to execute data guide software, the data guide software generating a menu based on the types of data and channels detected by the detector, the menu being displayed on the operator interface module.

20. The data casting guide of claim 19 wherein the operator interface module allows any of the displayed - 23 -

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channels to be selected, and the data guide software and processor connect the operator interface module to the selected channel.

- 21. The data casting guide of claim 20 wherein the at least one channel includes at least one link to a website.
- 22. A computer readable storage medium of a digital program receiver having a data guide stored thereon, wherein the data guide contains a list of the types of data receivable by the digital program receiver and the corresponding RF channels in which the data is present.
- 23. The computer readable storage medium of claim22 wherein the data guide is a menu.
- 24. The computer readable storage medium of claim
  23 wherein the menu contains selectable items.